CDR RID Report

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Document Planning Workbench DDDR

RID ID CDR	101
Review	DDDR
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Priority	2

Section	**Page**	**Figure Table**

Category Name Planning (PLS) Design   **Actionee** ECS

Sub Category   **Related RIDs**

Subcategory ID

Subject Production Request/Planning Should Support Specification of a Product Completion Time

Description of Problem or Suggestion:

The Science Computing Facility, when submitting a Production Request to the ECS Planning subsystem, needs to be able to specify a "must have by", or product completion, time. This capability, which would also support definition of a critical path in the processing timeline, is needed to allow the SCFs to specify and monitor data production in relation to their defined work plan.

Specification of a priority (currently supported) is not sufficient. Among other reasons, priority alone would not cause a system alert to be issued when a job on the critical processing path does not complete within the overall Production Request constraints (not just the processing window for the individual DPR).

Aging, or raising the priority of a job according to its time in the queue, would also not be sufficient.

Originator's Recommendation

The Planning subsystem should support definition of a processing time window at the Production Request level. The system should issue an alert if the specified/expected completion time cannot be met.

GSFC Response by: **GSFC Response Date**

HAIS Response by: **HAIS Schedule**

HAIS R. E.   **HAIS Response Date**

Status   **Date Closed**   **Sponsor** **Kempler**

****** Attachment if any ******